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TEACHER STATISTICS

1979 - 80

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Each September, all teachers, administrators and other support staff either complete or up-date an Educational Staff Record for return to the Department. The information contained on the latest of these forms was analyzed to determine the qualifications, experience, etc., of the present teaching force.

Table I shows an analysis of 24 073 teachers by sex, employment status, and citizenship. Of this total, 13 550 (56.3%) are females and 1 383 (5.7%) indicated that they are engaged on a part-time basis. The number of part-time teachers during the 1977-78 and 1978-79 school years was 1 276 and 1 300 respectively. This table also shows the citizenship status of the teaching force, with 22 636 (94.0%) indicating that they possess Canadian citizenship compared to 94.9% one year ago.

Table II shows the marital status of the 1978-79 teaching force. In all zones about 25% of the teachers are single.

Teachers who indicated that they are employed on a part-time basis were requested to indicate the percentage of the school week that they are employed. Table III shows the number of teachers employed in each zone and the corresponding full-time equivalents. The full-time equivalent percentage compared to the number of teachers employed in all zones is between 97 and 98%.

Although the number of part-time teachers increased by 83 over the previous year it appears that the average part-time teacher is employed for approximately 50% of the school week.

Table IV shows a frequency distribution of the ages; as well as the average age of teachers in the six zones. Zone 1 has the youngest group of teachers with an average age of 34.3 years, whereas Zone 6 has the oldest group with an average age of 37.9. The average age of teachers in the Province was 36.43 years compared to 36.28 years one year ago. The changes in the age distribution of the teaching force is most apparent in the 20 - 35 age group. During the current school year, there are 255 fewer teachers in this group compared to one year ago. Compared to a year ago there are 33 fewer teachers employed in the over 60 year age group.

The academic preparation of the 1979-80 teachers is shown in Tables V and VI. Within the Province, 21 657 (90.4%) have either a professional or a provisional certificate, and 21 804 (90.6%) possess at least one degree. These percentages compare to about 89% in 1978-79 and 87% in 1977-78. An analysis of the qualifications of teachers within each zone shows that the percentage of teachers with degree ranges from about 84% in Zone 4 to 93% in Zones 3 and 5.

An analysis of the location of the initial teacher training institution attended by Alberta teachers and the location in which the initial certificate was awarded revealed that 86.3% of the teachers received their initial teacher training in Canada, and 88.6% received their first certificate in Canada. From a further analysis it was found that 80% of the teachers received their initial training, and 82% received their initial certificate in Western Canada. The percentage of teachers receiving their initial training and initial certificate in Alberta was 67% and 69% respectively.

Tables VII and VIII show the frequency distribution of years of teaching experience and teacher education held by teachers within the six zones, as well as provincial totals. The average experience of teachers is approximately 10.7 years, and the average number of years of post-secondary education is 4.37 years. These averages compare to 10.6 years and 4.32 years respectively one year ago. Table VII shows that the average experience of teachers ranges from 8.92 years in Zone 1 to 11.93 years in Zone 6. A further analysis of teaching experience showed that the teachers in Zone 1 remain with the same employer an average of about 5 years, whereas the teachers in Zones 3 and 5 (including Edmonton and Calgary) remain with the same employer about 8 years.

At the beginning of the school year, each respondent was asked to indicate his/her position in the school system and the grade level(s) taught or supervised. Since many personnel are engaged in more than one function, they were given the opportunity to select up to three positions when completing the document. Because of this flexibility, some errors may have been introduced by the selection criteria which were used in the analysis shown in Tables IX and X. In the analysis shown in Table IX, the highest grade level taught or supervised determined the category (1-6, 7-9, or 10-12) in which they were counted. Unfortunately, 524 respondents did not indicate their grade level of involvement, whereas 882 completed a position called "other".

Of the 24 073 teachers in the Province, 15 621 (64.8%) indicated that their only position in the system was that of classroom teacher compared to 65.9% one year ago. Another 10% of the respondents indicated that their position was either in Early Childhood Services, Special Education or that of Relieving or Visiting teacher. A further 18% indicated that they were either a Department Head, Librarian, Guidance Counsellor, Vice-Principal or Principal. Many of this latter group were also involved in classroom teaching.

Table X shows a frequency distribution of the teaching force by positions in the six zones of the Province.

Table I

DISTRIBUTION OF ALBERTA TEACHERS
BY SEX, EMPLOYMENT STATUS AND CITIZENSHIP

N= 24 073

Sex	
Female	13 550
Male	10 523
Employment Status	
Full-time	22 636
Part-time	1 383
Not specified	54
Citizenship	
Canadian	23 065
British	221
Other Commonwealth	99
American	402
Other	46
Not specified	240

TABLE II

MARITAL STATUS

ZONES	SINGLE	MARRIED	REL. ORDER	NOT SPEC.	TOTAL
1	387	1 135	25	3	1 550
2	468	1 364	20	-	1 852
3	2 208	7 099	56	14	9 377
4	465	1 495	6	2	1 968
5	1 798	5 072	19	13	6 902
6	562	1 844	13	5	2 424
Provincial Total	5 888	18 009	139	37	24 073

TABLE III

NUMBER OF TEACHERS EMPLOYED

ZONES	NO. OF TEACHERS	FULL TIME EQUIVALENT	
1	1 550	1 513.13	(97.62%)
2	1 852	1 811.45	(97.81%)
3	9 377	9 088.17	(96.92%)
4	1 968	1 921.18	(97.62%)
5	6 902	6 713.60	(97.27%)
6	2 424	2 359.57	(97.34%)
Provincial Totals	24 073	23 407.10	(98.01%)

Table IV

AGE DISTRIBUTION OF ALBERTA TEACHERS BY ZONE

Zone	< 20	20-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61	62	63	64	65	>65	NS	Total	Averages
1	0	327	381	248	221	140	93	78	40	4	1	2	5	3	6	1	1 550	34.29
2	0	338	395	330	284	192	117	115	54	8	7	7	4	0	1	0	1 852	35.31
3	0	1 127	2 064	1 941	1 450	902	720	626	391	45	36	35	27	6	2	5	9 377	36.42
4	0	253	406	339	319	216	157	147	99	6	10	8	7	0	0	1	1 968	37.02
5	0	692	1 431	1 554	1 201	729	554	415	221	35	16	25	29	0	0	0	6 902	36.52
6	0	258	490	434	359	268	219	180	147	19	17	19	7	2	3	2	2 424	37.94
Provincial Totals	0	2 995	5 167	4 846	3 834	2 447	1 860	1 561	952	117	87	96	79	11	12	9	24 073	36.43

Table V

DISTRIBUTION OF ALBERTA TEACHERS BY CURRENT TEACHING CERTIFICATE TYPE

ZONES	PROF.	PROV.	STAND. S	STAND. E	COND.	JR. E.	STAND E & S	2nd CL.	L.A.	OTHER	NOT SPEC.	TOTAL
1	1 326	8	27	58	2	93	6	0	24	3	3	1 550
2	1 590	9	33	86	4	98	2	0	25	3	2	1 852
3	8 716	31	102	215	2	252	16	1	26	6	10	9 377
4	1 664	8	36	92	0	146	9	1	7	4	1	1 968
5	6 308	25	84	214	1	195	15	1	37	9	13	6 902
6	2 053	13	78	88	0	173	6	1	7	2	3	2 424
Provincial Totals	21 657	94	360	753	9	957	54	4	126	27	32	24 073

Table VI

DISTRIBUTION OF ALBERTA TEACHERS BY HIGHEST DEGREE

ZONES	B. ED ONLY	B. ED. & OTHER	OTHER BACHELOR	M.ED. ONLY	M.ED. & OTHER	OTHER MASTER	DOCTORATE	NO DEGREE ON FILE	TOTAL
1	735	303	199	43	1	38	1	230	1 550
2	996	258	220	65	1	38	7	267	1 852
3	5 261	1 302	1 230	659	5	237	55	628	9 377
4	1 057	211	247	82	1	41	4	325	1 968
5	3 359	1 078	1 092	532	6	306	25	504	6 902
6	1 222	294	364	155	2	60	12	315	2 424
Provincial Totals	12 630	3 446	3 352	1 536	16	720	104	2 269	24 073

Table VII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHING EXPERIENCE

Zones	NS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total	Average
1	4	163	166	129	102	75	87	68	45	56	58	48	47	49	41	43	369	1 550	8.92
2	11	163	137	117	93	87	70	81	86	83	58	65	55	67	49	61	569	1 852	10.72
3	21	526	508	433	558	562	565	507	448	459	429	433	393	342	300	314	2 579	9 377	10.71
4	16	109	119	102	90	84	102	106	75	83	89	80	79	55	68	62	649	1 968	11.55
5	26	341	334	332	360	367	352	371	366	363	352	377	317	275	269	243	1 857	6 902	10.60
6	8	106	111	121	107	133	126	135	117	130	86	99	89	67	84	91	814	2 424	11.93
Provincial Totals	86	1 408	1 375	1 234	1 310	1 308	1 302	1 268	1 137	1 174	1 072	1 102	980	855	811	814	6 837	24 073	10.76

Table VIII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHER EDUCATION

Zones	NS	1	2	3	4	5	6	7	7	Total	Average
1	12	47	83	74	911	290	121	9	3	1 550	4.12
2	17	61	64	101	1 119	322	157	4	7	1 852	4.14
3	47	155	212	160	5 454	1 842	1 387	62	58	9 377	4.43
4	10	97	91	77	1 216	304	165	4	4	1 968	4.06
5	64	69	137	178	3 680	1 552	1 106	67	49	6 902	4.52
6	17	64	83	89	1 423	469	257	8	14	2 424	4.25
Provincial Totals	167	493	670	679	13 803	4 779	3 193	154	135	24 073	4.37

Table IX

POSITIONS BY GRADE LEVEL FOR THE PROVINCE

	Early Childhood Services	Grades 1-6	Grades 7-9	Grades 10-12	Special Education	Not Specified	Total
Classroom Teacher	14	7 186	3 535	4 610	157	119	15 621
E.C.S. Teacher	461	159	1	2	1	24	648
Special Education Teacher	6	139	139	54	992	30	1 360
Relieving Teacher	0	187	18	20	20	9	254
Substitute Teacher	0	0	0	0	0	0	0
Visiting Teacher	1	18	8	6	16	4	53
Home Visiting Teacher	4	3	1	1	11	4	24
Department Head or Curricular Associate	0	32	156	427	24	5	644
Librarian	0	222	134	78	36	58	528
Audio-Visual Co-ordinator	0	54	59	35	14	11	173
Work Experience Co-ordinator	0	2	16	62	18	1	99
Guidance Counsellor	0	54	178	216	46	66	560
Vice or Assistant Principal	1	332	278	280	146	8	1 045
Principal	1	413	398	178	292	16	1 298
School Social Worker	0	2	0	2	3	4	11
School Psychologist	0	1	3	4	15	22	45
Speech Clinician (Therapist)	0	0	3	3	10	7	23
Hearing Clinician	0	0	0	0	3	4	7
Reading Clinician	0	36	11	8	12	6	73
Psychometrician	0	3	3	0	10	2	18
Learning Assistance Centre Clinician	0	37	24	0	36	2	99
Guidance Administrator	0	0	2	6	3	1	12
Pupil Personnel Administrative Assistant	0	0	0	2	1	0	3
Pupil Personnel Administrator	0	0	2	3	13	2	20
Early Childhood Services Administrator	13	13	4	2	9	1	42
Central Office Administrator	3	13	7	64	56	32	175
Consultant	3	55	21	41	41	12	173
Assistant or Associate Superintendent	0	2	1	21	56	22	102
Superintendents of Schools	0	0	2	7	47	21	77
Other	6	398	164	181	104	29	882
Not Specified	0	0	0	2	0	2	4
TOTAL	513	9 361	5 168	6 315	2 192	524	24 073

Table X

NUMBER OF SCHOOL PERSONNEL IN VARIOUS POSITIONS BY ZONE

	1	2	3	4	5	6	Total
Classroom Teacher	1 057	1 269	5 888	1 375	4 380	1 652	15 621
E.C.S. Teacher	27	58	315	17	201	30	648
Special Education Teacher	123	119	640	99	278	101	1 360
Relieving Teachers	6	3	99	15	119	12	254
Substitute Teacher	0	0	0	0	0	0	0
Visiting Teacher	2	2	12	5	26	6	53
Home Visiting Teacher	1	1	7	0	13	2	24
Department Head or Curricular Associate	24	31	292	41	204	52	644
Librarian	20	25	211	34	170	68	528
Audio-Visual Co-ordinator	16	10	69	14	50	14	173
Work Experience Co-ordinator	4	7	44	9	29	6	99
Guidance Counsellor	20	25	244	26	198	47	560
Vice or Assistant Principal	57	66	376	89	360	97	1 045
Principal	113	108	439	132	332	174	1 298
School Social Worker	0	0	6	0	4	1	11
School Psychologist	0	1	20	1	20	3	45
Speech Clinician (Therapist)	0	1	5	1	15	1	23
Hearing Clinician	0	0	4	0	2	1	7
Reading Clinician	3	3	31	3	24	9	73
Psychometrician	0	1	11	1	2	3	18
Learning Assistance Centre Clinician	5	28	27	7	14	18	99
Guidance Administrator	2	2	4	1	1	2	12
Pupil Personnel Administrative Assistant	1	0	2	0	0	0	3
Pupil Personnel Administrator	0	3	10	2	3	2	20
Early Childhood Services Administrator	10	6	12	0	8	6	42
Central Office Administrator	3	3	88	9	66	6	175
Consultant	7	2	84	12	56	12	173
Assistant or Associate Superintendent	10	9	33	10	29	11	102
Superintendent of Schools	8	12	22	12	10	13	77
Other	31	57	381	53	287	73	882
Not Specified	0	0	1	0	1	2	4
TOTAL	1 550	1 852	9 377	1 968	6 902	2 424	24 073

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